

TEACHER'S PROFILE/CURRICULUM VITAE



01. Personal Information

01	Name, Designation and Address:	Dr. Suresha M Assistant Professor Department of Computer Science, Kuvempu University, Shankaraghatta, Karnataka, India. PIN: 577451
02	Contact Number and E-mail:	+91 9986006589 suresham@kuvempu.ac.in srit_suresh@yahoo.com
03	Date of Birth:	09th April 1976
04	Gender and Marital Status:	Male Married
05	Nationality:	Indian

02. Educational Qualification

Sl. No	Name of the Degree	University /Institution	Month and Year of Degree Awarded	Remarks
01	Ph. D	Kuvempu University	2014	Topic: A Study on Arecanut using Image Processing Approach
02	Post Graduate Degree	Kuvempu University	2003	Specialization: Master of Computer Applications
03	Under Graduate Degree	Kuvempu University	1997	Physics, Chemistry, Mathematics

03. A. Teaching Experience (latest should be first)

Sl. No	Designation	University/Institution	Period
01	Assistant Professor	Kuvempu University	22-10-2007 to Current date

B. Academic Programs Taught

- ❖ MCA
- ❖ M.Sc Computer Science
- ❖ Ph. D Course Work

C. Courses Taught

- ❖ Pattern Recognition
- ❖ Image Processing
- ❖ Data Structures
- ❖ Analysis and Design of Algorithms
- ❖ Data Mining
- ❖ Soft Computing
- ❖ RDBMS
- ❖ Programming Languages(C, C++, JAVA etc.)
- ❖ J2EE
- ❖ Unix/Linux, etc.

05. Publications

05.4: Research Papers

1. H. Chandrashekhara, **M. Suresha**, "Classification of Healthy and Diseased Arecanuts using SVM Classifier", International Journal of Computer Sciences and Engineering, 7(2), 544-548,2019.
2. H. Chandrashekhara, **M. Suresha**, "Classification of Arecanut using Neural Networks with Feed- forward Techniques ",International Journal of Research in Advent Technology, 2019.
3. **M Suresha**, Sandeep, "Enhancement of Low Lighting Images using Bi-Histogram Equalization based on Shifted Gompertz Distribution", Interntional Journal of Computer Science and Engineering,2019.
4. **Suresha M.** and Madhusudhan S, "Extraction of Reflected Part in an Image based on Illumination", International Journal of Research in Advent Technology, Special Issue, E-ISSN: 2321-9637,2018.
5. Sandeep, **M Suresha**, "Segmenttation of Salient Objects in Digital Images Using Hybridization Gradient Based Technique", International Journal of Research in Advent Technology, 7(1),492-495,2018.
6. Shankaragowda B.B., Dr. Siddappa M, Dr. **Suresha M.**, "Novel Approach for Texture-Based Segmentation and classification of Brain Tumors in MR Images", International Journal on Future Revolution in

- Computer Science & Communication Engineering (IJFRSCE), Volume 4 Issue 6, PP: 98 - 100, 2018.
7. T Harisha Naik, **M Suresha** and Shreekanth K N, "A Novel Feature Extraction Method for Identification of Healthy and Diseased Maize and Paddy Leaves Using ECOC Classifier," International Journal of Computer Sciences and Engineering, Vol.-6, Issue-9, pp137, 141, Sept. 2018.
 8. Puneeth Kumar B. S. and **Suresha M**, "An Hybrid Approach of LBP and Hu Moment Invariant Features for Fish Species Classification," International Journal of Engineering Research and Development, Volume 14, Issue 3, pp 37-44, 2018.
 9. Sandeep and **Suresha M**, "Segmentation of Salient Flying Objects in Complex Sky Scene using Reconstruction Morphological Operations," International Journal of Computer Sciences and Engineering, Vol.-6, Issue-8, 2018.
 10. Shreekanth K N and **Suresha M**, "Identification of Diseases in Paddy Leaves Using Texture Features and Neural Network," International Journal of Scientific Research in Computer Science, Engineering and Information Technology, pp 565-572, Volume 3, Issue 3, 2018.
 11. Shreekanth K N, **Suresha M**, Thirumalesh B V, "A Novel Geometrical Features for Identification of Diseases in Paddy Leaves," Journal of Image Processing & Pattern Recognition Progress, pp 10-17, Volume 5, Issue 1, 2018.
 12. Harish Naik T, Suresha M and Amalorpavam G, "A Study of Image Enhancement Techniques Using Histogram Processing," International Journal of Computing Science and Information Technology, Special issue April 2018.
 13. Puneeth Kumar B. S. and **Suresha M**, "Detection of Fishes in Underwater Videos based on Signature Invariant to Scale and Rotation," International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 3, Issue 1, 1881-1889, 2018.
 14. **Suresha M** and Amani Ali Ahmed Ali, "Segmentation of Handwritten Text Lines with Touching of Line," International Journal of Computer Engineering and Applications, Vol 12, Issue 1, 2018.
 15. **Suresha M**, Madhusudhan S, "Study on Reflection Separation Methods," International Journal of Computer Engineering and Applications, 01-15, Vol 12, Issue 1, 2018.
 16. **Suresha M**, Sandeep, Harish Naik T, "Recognition of Salient Bird Objects using Feedforward Back Propagation Neural Network," International Journal of Computer Engineering and Applications, 32-44, Vol 12, Issue 1, 2018.
 17. **Suresha M**, Harish Naik T, Shreekanth K N, "Recognition of Healthy and Unhealthy Maize Leaves based on Texture Features," International

- Journal of Computer Engineering and Applications, 58-67, Vol 12, Issue 1, 2018.
18. Shreekanth K N , **Suresha M** , " Identification of Healthy and Diseased Paddy Leaves using Texture Features with ECOC Classifier " , IPASJ International Journal of Computer Science (IJCS), Volume 6, Issue 2, pp. 034-038 , ISSN 2321-5992, 2018.
 19. **Suresha M**, Chandrashekar H, Sandeep, Shreekanth K N, "Geometrical Features based Classification of Arecanut," International Journal of Computer Engineering and Applications, 84-92, Vol 12, Issue 1, 2018.
 20. Raghavendra S P, Ajit Danti, **Suresha M**, "Correlation based Template Matching for Recognition of Bank Cheque Number," International Journal of Computer Engineering and Applications, 166-181, Vol 12, Issue 1, 2018.
 21. **Suresha M**, Shreekanth K N and Harish Naik T, "Identification of Healthy and Diseased Paddy Leaves using kNN Classifier," International Journal of Advanced Research in Computer Science, Vol 8, No. 9, 2017.
 22. **Suresha M**, "Document Analysis using Similarity Measures: A Case Study on Text Retrieval System," International Journal of Scientific Research in Computer Science, Engineering and Information Technology, 2017.
 23. **Suresha M**, "Applications of Set Theory in Digital Image Processing," International Journal of Advance Engineering and Research Development, Vol 4, Issue 11, 2017.
 24. **Suresha M**, Shreekanth K N and Thirumalesh B V, "Diagnosis and Classification of Diseases in Paddy Leaves," International Journal of Current Advanced Research, Vol 6, Issue 10, 6448-6452, 2017.
 25. **Suresha M** and Sandeep, "Enhancement on Low Contrast Bird Images using Image Size Dependent Normalization Technique," International Journal of Advanced Research in Computer Science, Volume 8, No. 8, 628-631, 2017.
 26. Amani Ali Ahmed Ali and **Suresha M**, "A Novel Approach to Correction of a Skew at Document Level Using an Arabic Script," International Journal of Computer Science and Information Technologies, Vol. 8 (5), 569-573, 2017.
 27. **Suresha M** and Chandrashekhara H, "Classification of Arecanut Using Soft Computing Algorithms," International Journal of Computer Engineering and Applications, Volume 11, Issue 10, 1-11, 2017.
 28. **Suresha M** and Sandeep, "Recognition of Birds in Blurred and Illumination Images by Local Features," International Journals of Advanced Research in Computer Science and Software Engineering, Volume-7, Issue-7, 243-253, 2017.
 29. Shankaragowda B. B., Siddappa M and **Suresha M**, "Endoscopic Images for Computer Aided Diagnosis of Throat Cancer Feature

- Extraction," International Journal of Engineering Research, Vol 5, S1 ,13-16, 2017.
30. **Suresha M** and Harish Naik T, "A Survey on Image Analysis based on Texture," International Journals of Advanced Research in Computer Science and Software Engineering, Volume-7, Issue-6, 686-695, 2017.
 31. Amani Ali Ahmad Ali and **Suresha M**, "Analysis and Automation of Deep Face Recognition," International Journal of Advanced Research in Computer and Communication Engineering, Vol 5, Issue 12, 2016.
 32. Shankaragowda B. B., Siddappa M and **Suresha M**, "Computed Tomography Images for Computer Aided Diagnosis of Lungs Cancer Feature Extraction," International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Vol 5, Special issue 2, 2016.
 33. Harish Naik T, **Suresha M**, "Classification of arecanut based on color Features," International Journal of Control Theory and Applications, 9(3), pages 1483-1493, 2016.
 34. Saghir Ahmed Alfasly, **Suresha M**, "Minimum AUs for Real-Time Facial Expression Recognition in Frame Sequence," International Journal of Computer Applications, Volume 145, No. 5, pages 0975-8887, 2016.
 35. Amalorpovam G, Harish Naik T, **Suresha M** and Jyoti Kumari, "Super Resolution," International Journal of Latest Trends in Engineering and Technology, Special Issue SACAİM, pp. 134-141, 2016.
 36. Harish Naik T, **Suresha M**, Amalorpovam G and Jyoti Kumari, "Algorithms for Image Segmentation," International Journal of Latest Trends in Engineering and Technology, Special Issue SACAİM, pp. 134-141, 2016.
 37. Saghir Ahmed Alfasly, **Suresha M**, "A Simple Approach for Face Features Detection," International Journal of Advanced Research in Computer and Communication Engineering, Vol 5, Issue 6, pages 154-158, 2016.
 38. **Suresha M**, Ajit Danti. "Texture Features for Identification of Disease in Arecanut," International Journal of Signal Processing and Image Engineering, Volume 2, 2014.
 39. **Suresha M**, Ajit Danti and S.K Narasimhamurthy, "Classification of Diseased Arecanut based on Texture Features," International Journal of Computer Applications, pages: 1-10, 2014.
 40. **Suresha M**, Ajit Danti and S.K. Narasimhamurthy, "Decision Trees to Multiclass Prediction for the analysis of Arecanut data," International Journal Computer Systems Science & Engineering, 1: pages: 1-10, 2014.
 41. **Suresha M** and Ravikumar M. "Dimensionality Reduction and Classification of Color Features data using SVM and kNN," International Journal of Image Processing and Visual Communication (IJIPVC), pages 16-21, 2013.

42. Amalorpavam.G, Harish Naik T, Jyoti Kumari and **Suresha M.** "Analysis of Digital Images Using Morphological Operations," International Journal of Computer Science & Information Technology (IJCSIT), Vol 5, No 1, 2013.
43. **Suresha M**, Ajit Danit and S.K Narasimhamurthy, "Invariant of Rotation and Scaling for Classification of Arecanut based on Local Binary Patterns," International Journal of Advanced Research in Computer Science and Software Engineering, Vol 3, Issue 10, pages: 598-603, 2013.
44. Ajit Danti and **Suresha M**, "Dimensionality Reduction by SVM-KNN Approach for Arecanut Classification," International Journal of Information Processing, volume 6, issue 3, pages: 80-88, 2012.
45. **Suresha M** and Ajit Danti, "Construction of Co-occurrence Matrix using Gabor Wavelets for Classification of Arecanuts by Decision Trees," International Journal of Applied Information Systems (IJ AIS), pages: 33 - 39, 2012.
46. **Suresha M**, Shilpa N. A. and Soumya B. "Apples Grading based on SVM Classifier," International Journal of Computer Applications (IJCA), pages 27 - 30, 2012.
47. **Suresha M**, Sandeep Kumar K. S. and Shivakumar G. "Texture Features and Decision Trees based Vegetables Classification," International Journal of Computer Applications (IJCA), pages 21 - 26, 2012.
48. **Suresha M** and Ravikumar M. "Classification of Vegetables based on Decision Tree for Multiclass Problem," International Journal of Image Processing and Visual Communication (IJIPVC), pages 42 - 51, 2012.

05.5: Research Paper published in the Proceedings of the seminar/ Conferences/ Symposium

1. **Suresha M**, Madhusudhan S," Approach to Retrieve Reflected Edges from an Image" International Conference on Numerical Optimization in Engineering and Science(NOIEAS-2019).
2. Amani Ali Ahmed Ali, **Suresha M**, "An Efficient Character Segmentation Algorithm for Recognition of Arabic Handwritten Script," International Conference on Data Science and Communication, 2019.
3. M. Suresha and S Madhusudhan, "Extraction of Reflected Part in an Image based on Illumination", International Conference on Multimedia Processing, Communication and Information Technology MPCIT-2018, JNNCE, Shivamogga, India.
4. Amani Ali Ahmed Ali, **Suresha M**, "Efficient Algorithms for Text Lines and Words segmentation for Recognition of Arabic Handwritten Script," International Conference on Emerging Research in

- Computing, Information, Communication and Applications ERCICA 2018.
5. **Suresha M** and Madhusudhan, "Survey on Reflection Removal Methods," National Conference on Computational Sciences and Soft Computing, 2017.
 6. Shankaragowda B B, Siddappa M. and **Suresha M**, "A Novel Approach for the Brain tumor detection and Classification using Support Vector Machine," IEEE Technically Sponsored International Conference on Applied and Theoretical Computing and Communication Technology, 21-23 December 2017.
 7. Raghavendra S P, Ajit Danti and **Suresha M**, "Recognition of Bank Cheque Number based on Correlation," National Conference on Computational Sciences and Soft Computing, 2017.
 8. **Suresha M**, Harish Naik T and Shreekanth K N, "Identification of Diseased Maize Leaf based on Texture Features," National Conference on Computational Sciences and Soft Computing, 2017.
 9. **Suresha M**, Sandeep and Harish Naik T, "Classification of Birds using Texture Features and kNN Classifier," National Conference on Computational Sciences and Soft Computing, 2017.
 10. **Suresha M**, Chanrashekhar H, Sandeep and Shreekanth K N, "Classification of Arecanut using Geometrical Features and kNN Classifier," National Conference on Computational Sciences and Soft Computing, 2017.
 11. **Suresha M** and Amani Ali Abdul Ali, "Arabic Handwritten Text Line Segmentation by Subset Approach," National Conference on Computational Sciences and Soft Computing, 2017.
 12. Shoeib Ahmed, Ajit Danti, Hesham Abdo Ahmed Aqlan, **Suresha M**, "Feature Based Sentimental Analysis on Mobile Web Domain," National Conference on Network Security, Information Processing and Information Technology, 2017.
 13. Hesham Abdo Ahmed Aqlan, Ajit Danti, Shoeib Ahmed, **Suresha M**, "Using Web Mining Techniques for Prediction and Analysis of Mortality by External Causes," National Conference on Network Security, Information Processing and Information Technology, 2017.
 14. Raghavendra S P, Ajit Danti, **Suresha M**, "Segmentation of Logo from Indian Bank Cheques for Recognition," National Conference on Network Security, Information Processing and Information Technology, 2017.
 15. **Suresha M**, Shreekanth K N and Thirumalesh B V, "Recognition of Diseases in Paddy Leaves Using kNN Classifier," IEEE International Conference for Convergence of Technology, Pune, 2017.
 16. Shankaragowda B. B., Siddappa M and **Suresha M**, "Digital Mammography Images Feature Extraction for Computer Aided Diagnosis of Breast Cancer," National Conference on Computer Networks and Soft Computing, SSIT, Tumukur, Feb 2016.

17. Harish Naik T, **Suresha M**, "Classification of arecanut based on color Features," International Conference on Distributed Intelligent Computing, Pondicherry Engineering College, Puducherry, March 2016.
18. **Suresha M** and Ajit Danti, "Symbolic Representation of Texture Features for Identification of Disease in Arecanut," International Conference on Communication, Information Technology and Robotics 2015, Dubai, United Arab Emirates.
19. **Suresha M**, Sumithra S.N, Shwethashree K. "Estimation of Human Age Group based on Skin Texture Features Using Gabor Wavelets and GLCM," National Conference on Information Systems-Emerging Trends and Technologies, pages 1-16, 2013. ISBN: 978-81-926416-0-7
20. **Suresha M**, Arunkumar H. D., Sumithra S.N, Shwethashree K. "Human Age Group Estimation based on Skin Texture Features," National Conference on Emerging Trends in Engineering and Management, pages 1-16, 2013.
21. Ajit Danti, **Suresha M** and S.K. Narasimhamurthy, "Classification of Arecanuts Using Haar Wavelets," Proceedings of International Conference on Advanced Engineering and Technology, Bangalore, Karnataka, pages:1-7, 2013.
22. Ajit Danti and **Suresha M.**, Segmentation and Classification of Raw Arecanuts based on Three Sigma Control Limits. Proceedings of Elsevier Second International Conference on Computer, Communication, Control and Information Technology (C3IT-2012), Academy of Technology, Hooghly, West Bengal, Volume 4, pages: 215-219, 2012.
23. Ajit Danti and **Suresha M**, "Texture Based Decision Tree Classification for Arecanut," Proceedings of ACM International CUBE conference on IT-Engineering-Management-Telecom, YASHADA, Pune, India, pages: 113-117, 2012.
24. Ajit Danti and **Suresha M**, "Effective Multiclassifier for Arecanut Grading," Proceedings of Springer Sixth International conference on Information Processing, Bengaluru, Karnataka, pages: 350-359, 2012.
25. Ajit Danti and **Suresha M**, "Arecanut grading based on three sigma controls and SVM," Proceedings of IEEE International Conference on Advances in Engineering, Science and Management (ICAESM), E.G.S Pillay Engineering College, Nagapattinam, Tamilnadu, pages: 372 - 376, 2012.

05. Number of Publications during past Six years : 73

05.6 Book Publications

1. **Suresha M** and Ajit Danti, "Arecanut Classification-A Computer Vision Approach," Lambert Publications, 2017.

2. **Suresha M**, "Computer Vision in Agriculture," Current Publications, 2017.

05.6 Book Chpaters

1. **Suresha M** and Amani Ali Ahmed Ali, "Efficient Algorithms for Text Lines and Words Segmentation for Recognition of Arabic Handwritten Script," Lambert Publications, 2018.

06. Research Guidance

06.1: Ph. D (Ongoing)

Sl. No	Title of the Thesis	Name of the Candidate	Year of registration
01.	Analysis of Diseases in Paddy Leaves: A Pattern Recognition Approach	Shreekanth K N	2015
02.	A Machine Learning Approach for Classification of Arecanut	Chandrashekhara H	2015
03.	Reconstruction and Recognition of Objects in Digital Images with Reflections	Madhusudhan S	2016
04.	Recognition of Salient Objects in Digital Images using Neural Networks	Sandeep	2016
05.	Analysis of Micro Texture Images Using Machine Learning Approaches	Raghukumar D. S.	2017
06.	Deep Learning Approaches for Scenario based Abnormality Detection in Video Surveillance System	Kuppa S.	2017
07.	An Approach to Estimation of Skew and Recognition of Arabic Handwritten	Amani Ali Ahmed Ali	2017

	Script		
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06.1: Ph. D (Completed)

Sl. No	Title of the Thesis	Name of the Candidate	Year of Completion
01.	Design of Effective Methods for Analysis of Fishes in Water	Puneeth Kumar B S	2018
02.	Analysis of Image Texture using Soft Computing Techniques	Harish Naik T	2018

06.2: Student Project Guidance: 200 Students

07. Research Projects

Sl. No	Investigator/ Co-investigator	Title of the Project	Funding Agency	Amount	Man Power appointed /Trained	Duration and Status (Ongoing/Completed)
01	Suresha M	Grade Classification of Arecanut using Image Processing Techniques	Kuvempu University	50000	NIL	1 Year Completed

08. Conferences, Seminars, Training Programmes, Refresher courses, etc., organized

Sl. No	Name of the Conference/Symposia / Seminar	Level (University/State/ National/International)	Date(s)	Number of participants
01	National Conference	National	27 th & 28 th	200

	on Advanced Computing and Communications (NCACC` 12)		April 2012	
02	National Level Workshop on Pattern Classifiers	National	26 th to 28 th March 2015	45

09. Conferences, Seminars, etc Attended and Papers Presented (Provide a list and indicate whether it is a Keynote address, Inaugural address or Invited talk etc.)

Sl. No	Seminar/Conference	Date(s)	Title of the Paper	Remarks (indicate whether Key note address/Invited talks)
01	Elsevier Second International Conference on Computer, Communication, Control and Information Technology (C3IT-2012)	25-02-2012 to 26-02-2012	Segmentation and Classification of Raw Arecanuts based on Three Sigma Control Limits	Oral Presentation
02	IEEE International Conference on Advances in Engineering, Science and Management (ICAESM),	30-03-2012 to 31-03-2012	Arecanut grading based on three sigma controls and SVM	Oral Presentation
03	Springer Sixth International conference on Information Processing	10-08-2012 to 12-08-2012	Effective Multiclassifier for Arecanut Grading	Oral Presentation
04	ACM International CUBE conference on IT-Engineering-Management-Telecom	03-09-2012 to 05-09-2012	Texture Based Decision Tree Classification for Arecanut	Oral Presentation
05	International Conference on Advanced Computer Science and Information Technology	20-01-2013	Classification of Arecanuts Using Haar Wavelets	Oral Presentation

06	National Conference on Information Systems: Emerging Trends and Technologies	13-02-2013	Estimation of Human Age Group based on Skin Texture Features Using Gabor Wavelets and GLCM	Oral Presentation
07	National Conference on Emerging Trends in Engineering and Management	01-03-2013 to 02-03-2013	Human Age Group Estimation based on Skin Texture Features	Oral Presentation
08	International conference on Communication, Information Technology and Robotics	13-08-2015 to 15-08-2015	Symbolic Representation of Texture Features for Identification of Disease in Arecanut	Oral Presentation and Chair the Session
09	International Conference on Advanced IT, Engineering and Management	10 th - 11 th November 2016	Algorithms for Image Segmentation	Oral Presentation
10	International Conference on Advanced IT, Engineering and Management	10 th - 11 th November 2016	Super Resolution	Oral Presentation

10. Administrative Experience

Sl. No	Position	Organization	Duration	Responsibilities
01	Coordinator Instrumentation Maintenance Facility(IMF) Center	Kuvempu University	04-08-2008 to 12-08-2013	Administration of Maintenance of instruments in the University and Train the employees of the university about Computer knowledge
02	Assistant Nodal Office All India Survey on Higher Education (AISHE) - MHRD	Kuvempu University	16-08-2014 to current date	Uploading Kuvempu University data to the MHRD portal

	Program			
03	IT Coordinator	Kuvempu University	15-07-2015 to current date	IT initiatives in the university and all affiliated, Constituent Colleges of the Kuvempu University and PG Center, Kadur
04	Coordinator, University Central Computing Facility Center (UCCF)	Kuvempu University	15-07-2015 to current date	Campus Network and Computer Maintaince
05	Faculty Advisor, Boys hostel	Kuvempu University	15-11-2017 To current date	Administration
06	Member, IQAC Advisory Body	Kuvempu University	15-11-2017 To 01-08-2018	Advise to carry out functions of IQAC

11. Memberships of University Bodies/other organizations

Sl. No	University/ Organization/Institute Body	Nature of Association	Period
01	Kuvempu University	BOE Member	2010-11, 2011-12, 2012-13, 2013-14, 2014-15
02	Kuvempu University	BOE Chairman	2013-14, 2014-15, 2016-17, 2017-18, 2018,19
03	Kuvempu University	BOS Member	2011-14, 2014-17, 2017-20
04	Kuvempu University	Campus Network Expertise Member	2010-2012
05	Karnataka University, Rani Chennamma University, Gulbarga University	BOE Member	2012-13, 2013-14, 2014-15
06	Kuvempu University	Member of Advisory Committee for Digitization of Thesis and Establishment of ETD-Lab	2015-16

12. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Sl. No	Type of program attended	Year	Details
1.	Refresher Course	2018	"Education Technology", Organized by UGC-HRDC, University of Mysore, Mysore from 01 st March 2018 to 21 st March 2018
2.	Fourth NKN annual workshop	2016	"NKN at the core of Cyber Space" during 21-22 Jan 2016, JNTU, Hyderabad
3.	National Level Workshop	2016	One Week National Workshop On "Advanced Technologies In Computer Science". Kuvempu University, Shankaraghatta, 22 nd to 27 th -02-2016.
4.	National Workshop	2015	Workshop On "Pattern Classifiers", Kuvempu University, Shankaraghatta 26 th to 28 th Mar 2015
5.	Two week ISTE short term training program	2015	Training program on "Design of Algorithms" conducted by IIT Kharagpur from 16 th to 30 th May 2015
6.	UGC Sponsored National Workshop	2014	"Recent Developments in Digital Image Analysis" organized by Dept. of Computer Science, Gulbarga University, Gulbarga on 30 th May 2014
7.	State Level Faculty Development Program	2014	Delivered talk in State Level Faculty Development Program on "NS Tools, Open GL and Image Processing" organized by Dept. of MCA JNNCE on 11 th July 2014
8.	Third NKN annual workshop	2014	"NKN : E ⁴ (Encourage, Empower, Enable, Enrich) NGN" during 15-17 Oct 2014, IIT, Guwahati
9.	Elsevier Second International Conference	2012	"Computer, Communication, Control and Information Technology" (C3IT-2012) 25-02-2012 to 26-02-2012

10.	Refresher Course in ICT	2012	Delivered lecture on "Computer Fundamentals" on 26 th June 2012 at Dept. of Computer Science, Karnatak University, Dharwad
11.	Workshop	2011	Delivered a lecture on "Web Designing", Organized by Dept. of Computer Science, Sahyadri Arts College on 23 rd Mar 2011
12.	School on Graph Algorithms	2011	Organized by Dept. of Computer Science, Karnatak University, Dharwad in collaboration with VTU, Belgaum during 26 th - 31 st Mar 2011
13.	Refresher Course on ICT in Higher Education	2011	Delivered a talk on "Introduction to Database Management System" on 20 th April 2011 at Dept. of Computer Science, Karnatak University, Dharwad
14.	Four week Refresher Course	2011	Course on "Computer Science and Information Technology" Organized by JNU during 29.08.2011 to 23.09.2011
15.	Two days workshop	2010	The vision group of Mathematics and Computer Science organized by Dept. of Mathematics, Kuvempu University during 19 th -20 th Mar 2010

13. Details of Visits Abroad in connection with Academic/Research Programme

Sl. No.	Duration	Purpose	Sponsored by
01	8 days	Paper presented and chair the session in International conference on "Communication, Information Technology and Robotics"	N&N Global Technology For Computer and Information Services, Dubai, UAE

Date: 15th February 2018

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Signature